

RAFNA R-450 Cushion-Ride Railgear

Description:

G & B Specialties Model R-450 is applicable to vehicles up to 19,500 lbs GVWR. This 100% duty cycle railgear was designed to meet the task at hand. Proven "Cushion-Ride" suspension provides ride quality, reduced vibration through the vehicle frame, less component stress, and constant rail wheel to rail contact. No railgear adjustments are required for varying loads. With *Rafna-Cushion-Ride Railgear*, there are no limits imposed. If the vehicle can support the load, so can the railgear. *Rafna R-450 Railgear* has two hydraulic cylinders on both the front and rear units, providing power to spare under full vehicle capacity. On rail, the vehicle's front wheels are raised a minimum of 2" above the rail head and the vehicle axle is hydraulically locked in place.



Standard Features:

- Cushion-Ride Rubber Suspension
- Automatic Locking System
- PTO Pump Application
- Built-In Derail Skids
- Rail Sweeps Front and Rear
- Grease Fittings at All Wear Points
- Full Track Circuit Insulation (All Four Wheels)
- Hydraulic Operating Valves on the Front and Rear Units
- Protective Bellows Over All Inner Guide Tubes
- Mechanical Steering Wheel Lock
- Hydraulic Rear Railgear Lock-Up
- Corrosion Resistant; Long Life Fasteners
- No Wheel Modification Kit Needed

Optional Features:

- Electric/Hydraulic Package with Exterior Composite Brake Shoes. Available in 2 or 4 Wheels
- 12VDC Pump and Reservoir
- Mechanical Rear Railgear Lock Up



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Vehicle Classification:

- GVWR—19,500 lbs MAX
- GAWR (Front) - 7,600 lbs
- GAWR (Rear) - 11,900 lbs

Vehicle Applications

- Ford F-450/550
- Dodge 4500/5500

Installed Weights:

- Total—1,225 lbs
- Front—625 lbs
- Rear—600 lbs



Wheels:

- Material—Forged Steel
- Tread—10" Diameter
- Flange—12-1/4" Diameter
- Bearings— HD Tapered Roller
- Grease Cap w/ Vent



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 **G&B Specialties**
A Wabtec subsidiary